

457 Radio Station

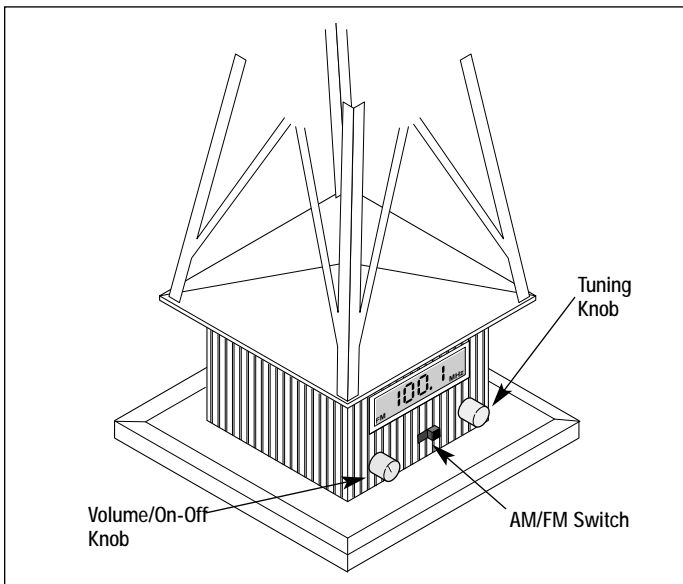


Congratulations on your purchase of the Lionel 457 WLLC Radio Station. The Lionel Radio Station is constructed of stamped metal and injection molded plastic and features a fully functional digital radio with a strobing LED affixed to the top of the tower. The Radio Station can be placed on any Lionel O or O-27 gauge three-rail layout and is designed to operate at 12-18 volts alternating current.

Operation of your Radio Station

Operation of your Radio Station is very simple. After you have installed and wired your Radio Station, the LED on the top of the tower will begin strobing when power is supplied. This is to indicate that power is going to your Radio Station. This is also used to protect your Radio Station from low flying aircraft.

To begin using the radio inside of your station, you must begin by turning on the radio. The knob located on the left is your ON/OFF and volume control knob. By rotating this knob clockwise, the radio will click on and the radio channel will show on the digital screen. You can increase the volume of the sound by continuing to rotate this knob clockwise. The knob located on the right is used to tune in your favorite radio channel. The digital screen will show you the channels as you scan through them. The switch located between these two knobs will change the mode between AM and FM. Your digital screen will also show you whether you are in AM or FM mode. You are now ready to crank out the tunes from your favorite radio station direct to your layout.



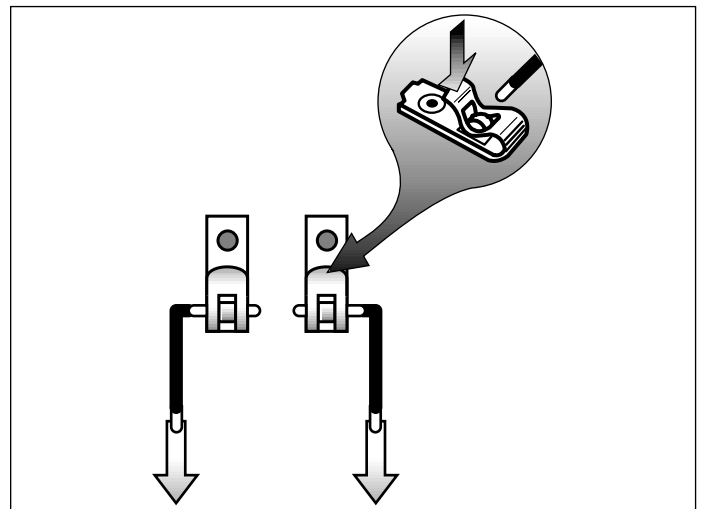
NOTE: If you experience a weak signal due to the location of your layout, we recommend that you attach a wire from the stamped metal tower to a higher area of your layout. This will help to increase the strength of the signal in your area.

Installation of your Radio Station

There are no separate components, which need to be assembled to your Radio Station. We have added four holes on the base of your Radio Station to secure it to your layout. It is not necessary to secure this accessory to your layout, but we recommend it to prevent the Radio Station from being knocked off your layout and potentially damaging it.

Wiring your Radio Station

Your Radio Station will operate best from 12-18 vac. It can be powered with track power or a separate accessory power supply. On the underside of your Radio Station, there are two spring clips. These are used for the electrical connection. To wire your Radio Station, start by connecting an insulated wire from one of the spring clips to the "U" terminal of track power supply (if using track power) or accessory power supply. To connect the wires to the spring clips, press down on the springy upper half of the metal loop until the lower part projects through the slot. Insert the bare wire end into the loop and release the upper part of the clip. Spring tension will hold the wire tight. Finally, connect the last insulated wire from the other spring clip to the "A" terminal of track power supply or accessory power supply. (See diagram below) You can now turn on your Radio Station to begin playing your favorite tunes.



Operation your Radio Tower in Command Control

The radio function of your Radio Tower cannot be controlled in Command Control. It also cannot be used with a SC-1. You can however control power on and off to the Radio Tower using a SC-2. Please refer to your SC-2 manual for wiring instructions and diagrams.

Replacing the lamp in your Radio Tower

During the course of normal operation, the LED (6SP-2991-010) located on the top of the tower may require replacement. To replace the LED on the top of the tower, please visit your local Lionel Authorized Service Center or Lionel Customer Service.